

AMENDMENT TO THE CLAIMS

1. - 68 (Canceled)

69. (Currently Amended) An isolated nucleic acid, wherein consisting of X nucleotides wherein the sequence of the nucleic acid comprises consists of:

- (a) Y consecutive nucleotides of SEQ ID NO: 142700_140670 or 140732;
- (b) an RNA encoded by a DNA encoding (a); or
- (c) the complement of (a) or (b);

wherein X=19 to 140,

Y≥19, and

X≥Y.

70. - 88 (Canceled)

89. (Currently Amended) An isolated nucleic acid, wherein consisting of X nucleotides wherein the sequence of the nucleic acid comprises consists of:

- (a) Y consecutive nucleotides of SEQ ID NO: 2 or 9;
- (b) an RNA encoded by a DNA encoding (a);
- (c) a sequence at least 80% identical to (a) or (b); or
- (d) the complement of any one of (a)-(c);

wherein

X=19 to 140,

Y≥19, and

X≥Y.

90. - 95. (Canceled)

96. (Currently Amended) A vector comprising a heterologous sequence, wherein the heterologous sequence consists of the sequence of the nucleic acid of any one of claims 69-72, and 89, 92, and 93.

97. (New) A probe comprising a heterologous sequence, wherein the heterologous sequence consists of the sequence of the nucleic acid of any one of claims 69 and 89.